United States Environmental Protection Agency
Washington, D.C. 20460

Water Compliance Inspection Report

Section A: National Data System Coding (i.e., PCS)

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 N	WAU000388	100330	=	R	3

Remarks

21 ____ 66

Inspection Work Days	Facility Self-Monitoring Evaluation Rating	BI	QA	Reserved
67 ___ 69	70 ___	71 ___	72 ___	73 ___ 74 75 ___ 80

Section B: Facility Data

Name and Location of Facility Inspected *(For industrial users discharging to POTW, also include POTW name and NPDES permit number)*	Entry Time/Date	Permit Effective Date
Eaglemill Farms 1364 Abbott Road Lynden, WA 98264	3/30/10 2:15 PM	
	Exit Time/Date 3/30/10 4:40 PM	Permit Expiration Date

Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Other Facility Data *(e.g., SIC NAICS, and other descriptive information)*
Jeff DeJong, Owner / Operator (b) (6) [redacted]	SIC = 0241

Name, Address of Responsible Official/Title/Phone and Fax Number	Contacted
Jeff DeJong, Owner / Operator (360) 815-0973 1364 Abbott Road Lynden, WA 98264	☑ Yes ☐ No

Section C: Areas Evaluated During Inspection *(Check only those areas evaluated)*

☐ Permit	☐ Self-Monitoring Program	☐ Pretreatment	☐ MS4
☐ **Records/Reports**	☐ Compliance Schedules	☐ Pollution Prevention	
☑ Facility Site Review	☐ Laboratory	☐ Storm Water	
☑ Effluent/Receiving Waters	☑ Operations & Maintenance	☐ Combined Sewer Overflow	
☐ Flow Measurement	☐ Sludge Handling/Disposal	☐ Sanitary Sewer Overflow	

Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes SEV Description

RECEIVED
APR - 9 2010
U.S. EPA REGION 10
OFFICE OF COMPLIANCE AND ENFORCEMENT

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Numbers	Date
Dustin Bott	EPA/OCE/IEMU (206)553-5502	4/9/10
Joe Roberto	EPA/OCE/IEMU (206)553-1669	
Signature of Management Q A Reviewer	Agency/Office/Phone and Fax Numbers	Date
		11/29/10

EPA Form 3560-3 (Rev 1-06) Previous editions are obsolete.

PCS WAU000388

PCS 4-12-2010 JB

INSTRUCTIONS

Section A: National Data System Coding *(i.e., PCS)*

Column 1: Transaction Code: Use N, C, or D for New, Change, or Delete. All inspections will be *new* unless there is an error in the data entered.

Columns 3-11: NPDES Permit No. Enter the facility's NPDES permit number - third character in permit number indicates permit type for U=unpermitted, G=general permit, etc.. *(Use the Remarks columns to record the State permit number, if necessary.)*

Columns 12-17: Inspection Date. Insert the date entry was made into the facility. Use the year/month/day format (e.g., 04/10/01 = October 01, 2004).

Column 18: Inspection Type*. Use one of the codes listed below to describe the type of inspection:

- A Performance Audit
- B Compliance Biomonitoring
- C Compliance Evaluation (non-sampling)
- D Diagnostic
- F Pretreatment (Follow-up)
- G Pretreatment (Audit)
- I Industrial User (IU) Inspection
- J Complaints
- M Multimedia
- N Spill
- O Compliance Evaluation (Oversight)
- P Pretreatment Compliance Inspection
- R Reconnaissance
- S Compliance Sampling
- U IU Inspection with Pretreatment Audit
- X Toxics Inspection
- Z Sludge - Biosolids
- # Combined Sewer Overflow-Sampling
- $ Combined Sewer Overflow-Non-Sampling
- + Sanitary Sewer Overflow-Sampling
- & Sanitary Sewer Overflow-Non-Sampling
- \ CAFO-Sampling
- = CAFO-Non-Sampling
- 2 IU Sampling Inspection
- 3 IU Non-Sampling Inspection
- 4 IU Toxics Inspection
- 5 IU Sampling Inspection with Pretreatment
- 6 IU Non-Sampling Inspection with Pretreatment
- 7 IU Toxics with Pretreatment
- ! Pretreatment Compliance (Oversight)
- @ Follow-up (enforcement)
- { Storm Water-Construction-Sampling
- } Storm Water-Construction-Non-Sampling
- : Storm Water-Non-Construction-Sampling
- ~ Storm Water-Non-Construction-Non-Sampling
- < Storm Water-MS4-Sampling
- - Storm Water-MS4-Non-Sampling
- > Storm Water-MS4-Audit

Column 19: Inspector Code. Use one of the codes listed below to describe the *lead agency* in the inspection.

- A — State (Contractor)
- B — EPA (Contractor)
- E — Corps of Engineers
- J — Joint EPA/State Inspectors—EPA Lead
- L — Local Health Department (State)
- N — NEIC Inspectors
- O — Other Inspectors, Federal/EPA (Specify in Remarks columns)
- P — Other Inspectors, State (Specify in Remarks columns)
- R — EPA Regional Inspector
- S — State Inspector
- T — Joint State/EPA Inspectors—State lead

Column 20: Facility Type. Use one of the codes below to describe the facility.

1 — Municipal. Publicly Owned Treatment Works (POTWs) with 1987 Standard Industrial Code (SIC) 4952.
2 — Industrial. Other than municipal, agricultural, and Federal facilities.
3 — Agricultural. Facilities classified with 1987 SIC 0111 to 0971.
4 — Federal. Facilities identified as Federal by the EPA Regional Office.
5 — Oil & Gas. Facilities classified with 1987 SIC 1311 to 1389.

Columns 21-66: Remarks. These columns are reserved for remarks at the discretion of the Region.

Columns 67-69: Inspection Work Days. Estimate the total work effort (to the nearest 0.1 work day), up to 99.9 days, that were used to complete the inspection and submit a QA reviewed report of findings. This estimate includes the accumulative effort of all participating inspectors; any effort for laboratory analyses, testing, and remote sensing; and the billed payroll time for travel and pre and post inspection preparation. This estimate does not require detailed documentation.

Column 70: Facility Evaluation Rating. Use information gathered during the inspection (regardless of inspection type) to evaluate the quality of the facility self-monitoring program. Grade the program using a scale of 1 to 5 with a score of 5 being used for very reliable self-monitoring programs, 3 being satisfactory, and 1 being used for very unreliable programs.

Column 71: Biomonitoring Information. Enter D for static testing. Enter F for flow through testing. Enter N for no biomonitoring.

Column 72: Quality Assurance Data Inspection. Enter Q if the inspection was conducted as followup on quality assurance sample results. Enter N otherwise.

Columns 73-80: These columns are reserved for regionally defined information.

Section B: Facility Data

This section is self-explanatory except for "Other Facility Data," which may include new information not in the permit or PCS (e.g., new outfalls, names of receiving waters, new ownership, other updates to the record, SIC/NAICS Codes, Latitude/Longitude).

Section C: Areas Evaluated During Inspection

Check only those areas evaluated by marking the appropriate box. Use Section D and additional sheets as necessary. Support the findings, as necessary, in a brief narrative report. Use the headings given on the report form (e.g., Permit, Records/Reports) when discussing the areas evaluated during the inspection.

Section D: Summary of Findings/Comments

Briefly summarize the inspection findings. This summary should abstract the pertinent inspection findings, not replace the narrative report. Reference a list of attachments, such as completed checklists taken from the NPDES Compliance Inspection Manuals and pretreatment guidance documents, including effluent data when sampling has been done. Use extra sheets as necessary.

*Footnote: In addition to the inspection types listed above under column 18, a state may continue to use the following wet weather and CAFO inspection types until the state is brought into ICIS-NPDES: K: CAFO, V: SSO, Y: CSO, W: Storm Water 9: MS4. States may also use the new wet weather, CAFO and MS4 inspections types shown in column 18 of this form. The EPA regions are required to use the new wet weather, CAFO, and MS4 inspection types for inspections with an inspection date (DTIN) on or after July 1, 2005.

NPDES
Inspection Report

Eaglemill Farms
Lynden, WA

Prepared by:

Dustan Bott
Environmental Protection Agency, Region 10
Office of Compliance and Enforcement
Inspection and Enforcement Management Unit

Table of Contents

Unless otherwise noted, all details in this inspection report were obtained from conversations with Jeff De Jong, or from observations made during the inspection.

I. Facility Information

Facility Name:	Eaglemill Farms
Facility Contact(s):	Jeff, Rod, John, and Mark De Jong, Owners and Operators 1364 Abbott Road Lynden, WA 98264 Phone: (b) (6) Jeff's cell: (b) (6)
SIC Code Facility Type:	0241 Dairy Farms
Facility Location:	1364 Abbott Road Lynden, WA 98264
Mailing Address:	1364 Abbott Road Lynden, WA 98264

II. Inspection Information

Inspection Date:	March 30, 2010
Inspectors:	Dustan Bott, Inspector EPA Region 10, OCE / IEMU (206) 553-5502 Joe Roberto, Inspector EPA Region 10, OCE / IEMU (206) 553-1669 Kurt Niemeyer, Inspector Washington State Department of Agriculture (WSDA) (360) 961-7412
Arrival Time:	2:15 PM
Departure Time:	4:40 PM
Weather Condition:	Partly cloudy, windy

Purpose: The inspection was conducted to document the facility's compliance with the Concentrated Animal Feeding Operation (CAFO) Regulations pursuant to the Clean Water Act (CWA).

III. Owner and Operator Information

Eaglemill Farms is owned and operated by Rod De Jong, and (b) (6) Jeff, John, and Mark De Jong.

IV. Inspection Entry

This was an unannounced NPDES inspection. Joe Roberto, Kurt Niemeyer (WSDA) and I arrived at Eaglemill Farms at 2:15 PM on Thursday, March 30, 2010 to conduct the inspection with Jeff De Jong, one of the owners and operators of the facility.

Upon arrival at the facility, we were greeted by Jeff De Jong. At this time, Joe and I identified ourselves as EPA inspectors, presented our credentials to Mr. De Jong and gave him a business card. I informed him that the purpose of this visit was to conduct a compliance inspection to determine compliance with the Clean Water Act.

V. Scope of Inspection

This inspection consisted of an opening conference to conduct initial introductions and to discuss the purpose and expectations of the inspection; file review, facility tour and a closing conference to discuss compliance related concerns.

VI. Facility Inspection

When we arrived at the Eaglemill Farms, we were greeted by Jeff De Jong. After introducing myself to Mr. De Jong, I explained the purpose of the visit and then we began the inspection with a brief opening conference.

After the opening conference we proceeded to conduct a tour of the dairy farm facility. The facility tour consisted of an inspection of the barns where cows are confined, the feed storage area, chemical storage area, and the facility waste handling systems. The inspection also included a tour of two facilities that the De Jong's have recently purchased and that are an integral part of their dairy operation. These facilities, referred to as the "Noon Road" facility and the "Dehaan Dairy" facility are discussed in more detail in section VII. of this report.

Following the facility tour of all three facilities, we conducted a file review with Jeff in their office. We checked the animal waste management plan (AWMP), soil tests and land application records.

Following the records review, we conducted a closing conference with Jeff De Jong. We discussed our inspection observations and the areas of concern identified during this inspection.

VII. Background and Facility Description

Eaglemill Farms is a large sized CAFO dairy operation that has been operated by (b) (6) [redacted] since 1961. This facility does not have an NPDES permit. This operation consists of three separately located but interrelated facilities. All three are located in the same vicinity. The nearest waterway to the milking operation on Noon Road is Scott's Ditch, which is located north of the facility and south of the Dehaan Dairy. The Nooksack River is north of the main facility and the Dehaan Dairy. See Photo 1 for a satellite photo illustrating the proximity of these waters to the facilities.

The main facility is the site of the original (b) (6) operation since 1961. Prior to the purchase of the other facilities in the last few years, this has been the site of the entire Eaglemill Farms operation. The majority of the cattle are located at this facility. The animals are confined primarily to two large barns with concrete floors and a concrete area between the two barns. This facility also has a covered feed storage area, two lagoons, and a solids separator, and some other buildings (some calves and heifers are housed here, an office, storage areas, etc). The waste in the confinement areas is scrapped into one of two 40,000 gallon pits with a tractor. The area in front of the silage feed storage area also drains to one of the pits. From these two pits, the manure goes to a 20,000 gallon staging pit and then through the solids separator. The liquid from the separator then goes to the lagoons.

Their heifer operation is located at the "Dehaan Dairy" (previous owners), which they purchased 3 years ago. The Dehaan Dairy is located at 1591 Abbott Road, Lynden, Washington. At the time of the inspection, there were 110-115 heifers and dry cows at this facility. The manure from the confinement areas is scrapped into a pit, which is then pumped into the lagoon at this facility. This lagoon can also be used for additional storage for the main facility. The lagoon is connected to the main facility with underground pipes. The majority of waste in this lagoon at the time o the inspection was pumped from the lagoons at the main facility.

In June 2009 they purchased the Noon Road facility from Rocky Mountain Dairy. The facility is located at 7585 Noon Road, Lynden Washington and is used for milking. The De Jong's started milking at this facility two weeks before the inspection. Only milkers are temporarily confined at this facility. The manure from the confinement areas is scraped into an underground pit, and is then pumped into the lagoon at this facility.

According to the current Nutrient Management Plan (NMP), this dairy is permitted for 1114 head of cattle, which includes 1000 milking cows, 114 dry cows, 370 12 – 24 month heifers and 217 0-12 month heifers. At the time of this inspection, Jeff De Jong indicated that the current animal numbers at all of the facilities were 1121 milk cows, 85 dry cows, 75 >24 month heifers, 489 12 – 24 month heifers and 543 0-12 month heifers. At the time of the inspection, this Dairy consisted of three separate facilities that each had their own separate Nutrient Management Plans. Mr. De Jong said that they land apply the manure to approximately 950 acres (100 acres pasture, 300 acres grass, 550 acres corn).

The majority is applied in liquid form pumped from the lagoons, but some solid manure from the solids separator is land applied. Most of the land application is done with a drag hose (at about 1000 gallons a minute). About 5-10% of land application is done with a tanker.

VIII. Areas of Concern

The following areas of concern were identified during our inspection:

At the time of the inspection, there was manure waste starting to pile up just outside of two doorways on the west side of one of the confinement barns at the Dehaan Dairy (see Photos 3 and 4). During the inspection of the Dehaan Dairy facility, I told Mr. De Jong that the potential for waste to leave this building was an area of concern.

During the inspection of the Noon Road facility, we observed silage leachate water ponding at the ends of the feed storage area (See Photos 5 and 6). I told Mr. De Jong that the potential for this leachate water to flow to Scott's Ditch on the north side of this facility was an area of concern.

I communicated these areas of concern to Mr. De Jong again during the closing conference.

Report Completion Date: 11/30/10

Lead Inspector Signature: Dustin Bott

ATTACHMENT A

Photograph Documentation

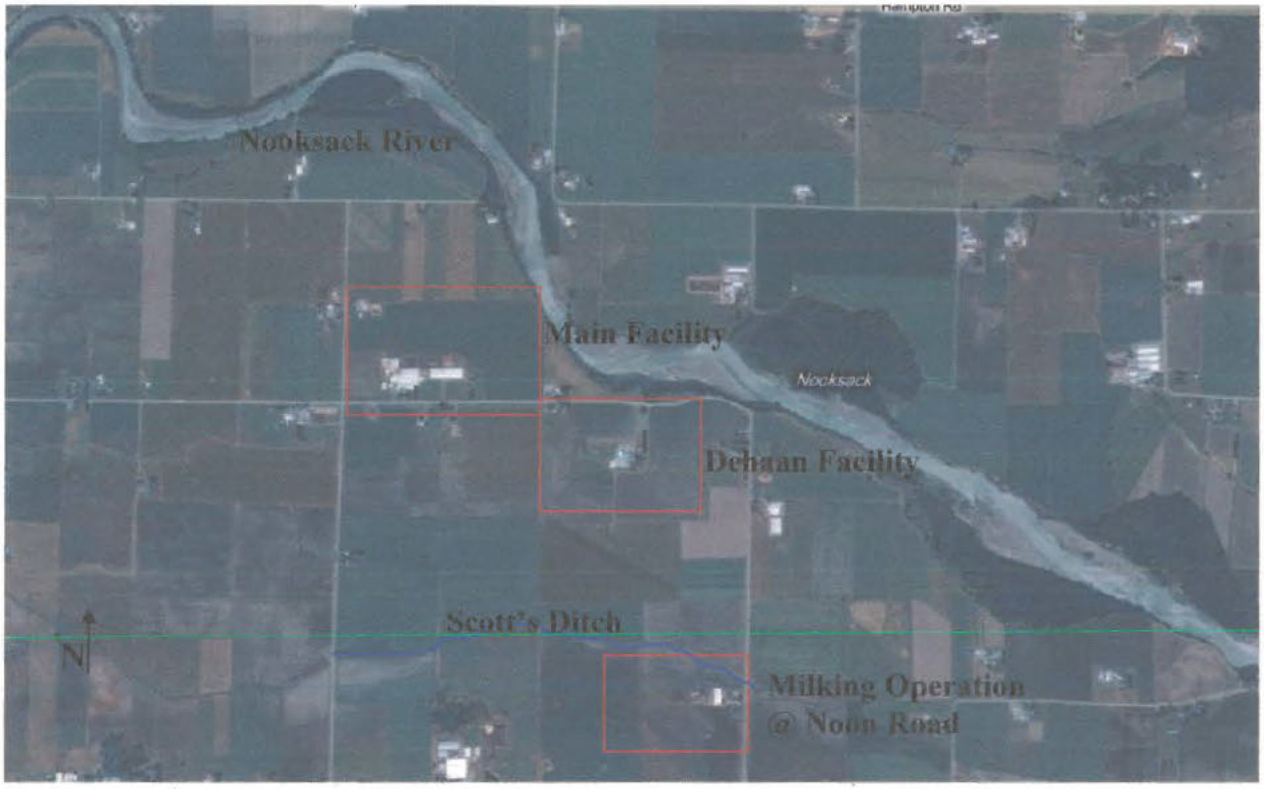

Photo 1. Satellite Photo showing the location of all three facilities and their proximity to waters of the U.S.

Photo 2. Aerial photo overview of the main facility for Eaglemill Farms Dairy.

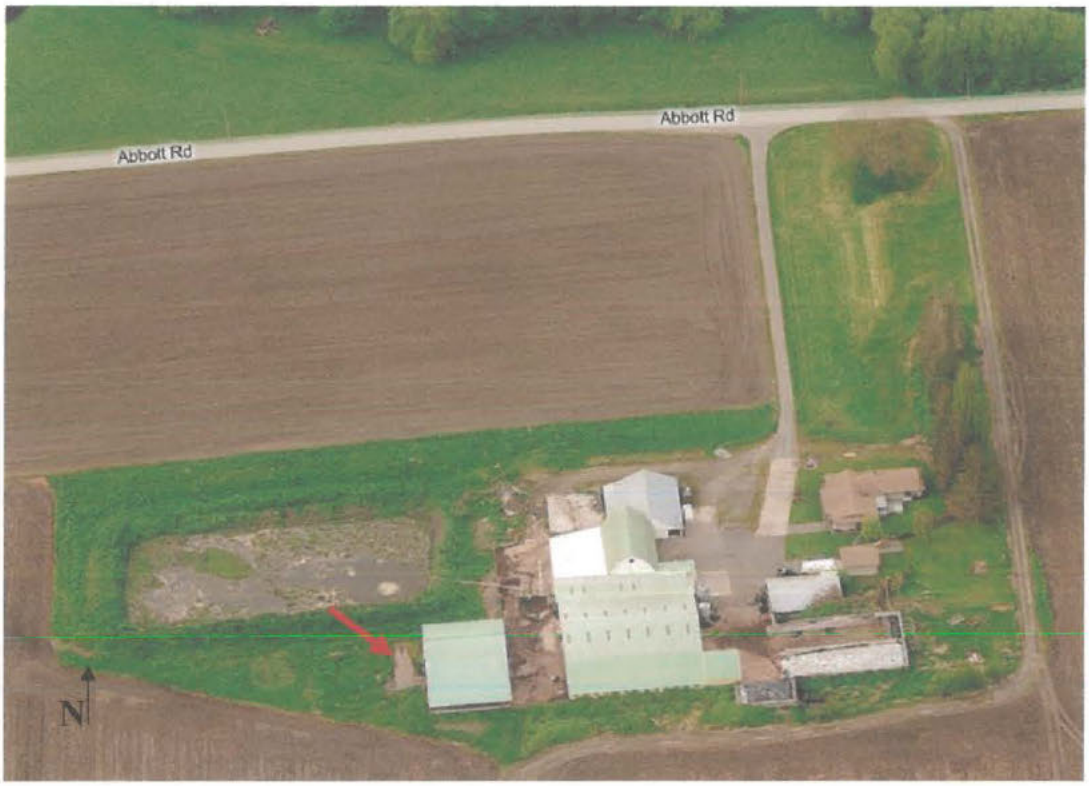

Photo 3. Aerial photo overview of the Dehaan Diary Facility. The red arrow indicates the area where there is potential for waste to leave the barn (See Photo 4 on next page).

Photo 4. This is a close up photo of waste leaving the open doors of the barn at the Dehaan Facility.

Photo 5. Aerial photo overview of the milking operation at 7585 Noon Road. The red arrow indicates the area where there is silage leachate ponding (See Photo 6 below). Scott's Ditch can be seen in the upper right corner of the photo.

Photo 6. This illustrates the ponding of silage leachate on the north side of the feed storage area at the milking facility on Noon Road.